SAMSUNG

Contact SAMSUNG WORLDWIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Country	Customer Care Centre ☎	Web Site
AUSTRIA	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com/at
BELGIUM	02-201-24-18	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
CZECH	800 - SAMSUNG (800-726786)	www.samsung.com/cz
	Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	
DENMARK	70 70 19 70	www.samsung.com/dk
FINLAND	030 - 6227 515	www.samsung.com/fi
FRANCE	01 48 63 00 00	www.samsung.com/fr
GERMANY	01805 - SAMSUNG (726-7864 € 0,14/Min)	www.samsung.de
HUNGARY	06-80-SAMSUNG (726-7864)	www.samsung.com/hu
ITALIA	800-SAMSUNG (726-7864)	www.samsung.com/it
LUXEMBURG	261 03 710	www.samsung.com/lu
NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com/nl
NORWAY	815-56 480	www.samsung.com/no
POLAND	0 801 1SAMSUNG (172678) 022-607-93-33	www.samsung.com/pl
PORTUGAL	80820-SAMSUNG (726-7864)	www.samsung.com/pt
SLOVAKIA	0800-SAMSUNG (726-7864)	www.samsung.com/sk
SPAIN	902 - 1 - SAMSUNG (902 172 678)	www.samsung.com/es
SWEDEN	0771 726 7864 (SAMSUNG)	www.samsung.com/se
TURKEY	444 77 11	www.samsung.com/tr
U.K	0845 SAMSUNG (7267864)	www.samsung.com/uk
EIRE	0818 717100	www.samsung.com/ie
SWITZERLAND	0848 - SAMSUNG (7267864, CHF 0.08/min)	www.samsung.com/ch www.samsung.com/ch_fr/(French)
LITHUANIA	8-800-77777	www.samsung.com/lt
LATVIA	8000-7267	www.samsung.com/lv
ESTONIA	800-7267	www.samsung.com/ee

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BN68-03404E-01

LED TV user manual

SAMSUNG

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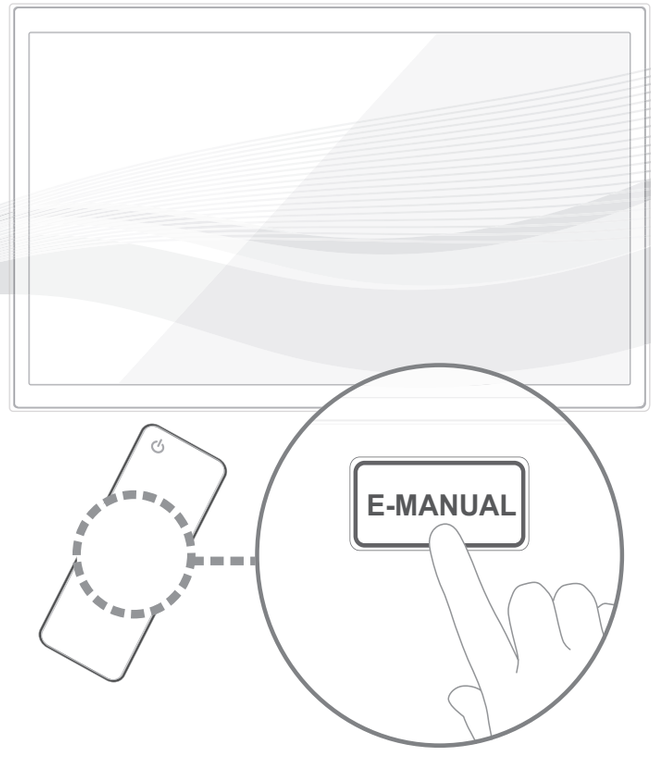
SERIES 5

LED TV

user manual



imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register your product at
www.samsung.com/register

Model _____ Serial No. _____

For more information on how to use e-Manual (p. 14)

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Digital TV notice

1. Functionalities related to Digital TV (DVB) are only available in countries/areas where DVB-T (MPEG2 and MPEG4 AVC) digital terrestrial signals are broadcasted or where you are able to access to a compatible DVB-C (MPEG2 and MPEG4 AAC) cable-TV service. Please check with your local dealer the possibility to receive DVB-T or DVB-C signal.
2. DVB-T is the DVB European consortium standard for the broadcast transmission of digital terrestrial television and DVB-C is that for the broadcast transmission of digital TV over cable. However, some differentiated features like EPG (Electric Programme Guide), VOD (Video On Demand) and so on, are not included in this specification. So, they cannot be workable at this moment.
3. Although this TV set meets the latest DVB-T and DVB-C standards, as of [August, 2008], the compatibility with future DVB-T digital terrestrial and DVB-C digital cable broadcasts cannot be guaranteed.
4. Depending on the countries/areas where this TV set is used some cable-TV providers may charge an additional fee for such a service and you may be required to agree to terms and conditions of their business.
5. Some Digital TV functions might be unavailable in some countries or regions and DVB-C might not work correctly with some cable service providers.
6. For more information, please contact your local Samsung customer care centre.

✎ The reception quality of TV may be affected due to differences in broadcasting method between the countries. Please check the TV performance in the local SAMSUNG Authorized Dealer, or the Samsung Call Centre whether it can be improved by reconfiguring TV setting or not.

Still image warning

Avoid displaying still images (like jpeg picture files) or still image element (like TV programme logo, panorama or 4:3 image format, stock or news bar at screen bottom etc.) on the screen. Constant displaying of still picture can cause ghosting of LED screen, which will affect image quality. To reduce risk of this effect, please follow below recommendations:

- Avoid displaying the same TV channel for long periods.
- Always try do display any image on full screen, use TV set picture format menu for best possible match.
- Reduce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
- Frequently use all TV features designed to reduce image retention and screen burnout, refer to e-Manual for details.

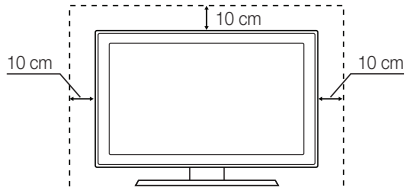
Securing the Installation Space

Keep the required distances between the product and other objects (e.g. walls) to ensure proper ventilation.
Failing to do so may result in fire or a problem with the product due to an increase in the internal temperature of the product.

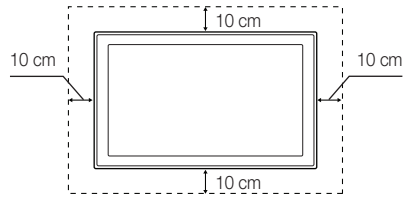
✎ When using a stand or wall-mount, use parts provided by Samsung Electronics only.
- If you use parts provided by another manufacturer, it may result in a problem with the product or an injury due to the product falling.

✎ The appearance may differ depending on the product.
- Be careful when you contact the TV because some parts can be somewhat hot.

Installation with a stand.



Installation with a wall-mount.



Correct Disposal of This Product (Waste Electrical & Electronic Equipment)
(Applicable in the European Union and other European countries with separate collection systems)
This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Correct disposal of batteries in this product
(Applicable in the European Union and other European countries with separate battery return systems)
This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment. To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

Accessories

✎ Please make sure the following items are included with your TV. If any items are missing, contact your dealer.

✎ The items' colours and shapes may vary depending on the models.

✎ Cables not included in the package contents can be purchased separately.

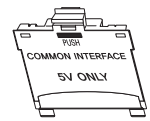
✎ Check that there is no accessory hidden behind packing materials when you open the box.

⚠ CAUTION: INSERT SECURELY LEST SHOULD BE DETACHED IN SET

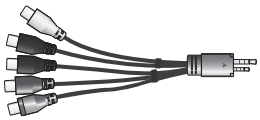
- Remote Control & Batteries (AAA x 2)
- Power Cord
- Owner's Instructions
- Cleaning-Cloth
- Warranty Card (Not available in some locations) / Safety Guide

Holder Ring (4ea)

Holder-Wire Stand



CI Card Adapter

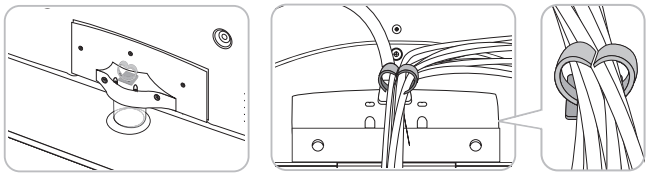


AV / Component Adapter

Scart Adapter

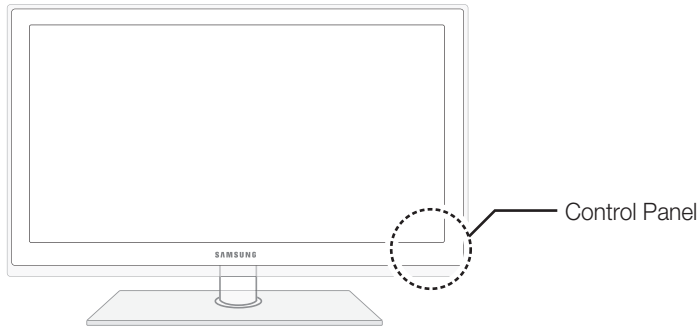
- An administration fee may be charged if either
  - (a) an engineer is called out at your request and there is no defect in the product (i.e. where you have failed to read this user manual)
  - (b) you bring the unit to a repair centre and there is no defect in the product (i.e. where you have failed to read this user manual).
- The amount of such administration charge will be advised to you before any work or home visit is carried out.

Assembling the Holder-Wire stand



Viewing the Control Panel

✎ The product colour and shape may vary depending on the model.



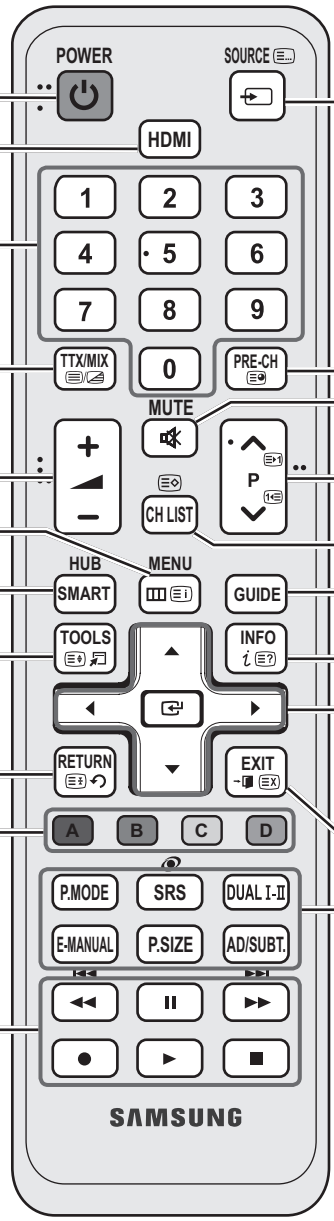
	Remote control sensor	Aim the remote control towards this spot on the TV.
	Power Indicator	Blinks and turns off when the power is on and lights up in standby mode.
	SOURCE ⏎	Toggles between all the available input sources. In the on-screen menu, use this button as you would use the ENTER ⏎ button on the remote control.
	MENU	Displays an on-screen menu, the OSD (on screen display) of your TV's features.
	– ◢ +	Adjusts the volume. In the OSD, use the – ◢ + buttons as you would use the ◄ and ► buttons on the remote control.
	∨ CH ∧	Changes the channels. In the OSD, use the ∨ CH ∧ buttons as you would use the ▼ and ▲ buttons on the remote control.
	⏻ (Power)	Turns the TV on or off.

Standby mode

Do not leave your TV in standby mode for long periods of time (when you are away on a holiday, for example). A small amount of electric power is still consumed even when the power button is turned off. It is best to unplug the power cord.

Viewing the Remote Control

✎ This is a special remote control for the visually impaired persons and has Braille points on the Power, Channel and Volume buttons.



Turns the TV on and off.

Selects the HDMI mode directly.

Have direct access to channels.

Alternately select Teletext ON, Double, Mix or OFF.

Adjusts the volume.

Opens the OSD.

Link to various application services.

Quickly select frequently used functions.

Returns to the previous menu.

These buttons are for the **Channel List** and **SMART HUB** menu, etc.

Use these buttons in **SMART HUB** and **Anynet+** modes.

Displays and selects the available video sources.

Returns to the previous channel.

Cuts off the sound temporarily.

Changes channels.

Displays channel lists on the screen.

Displays the EPG (Electronic Programme Guide).

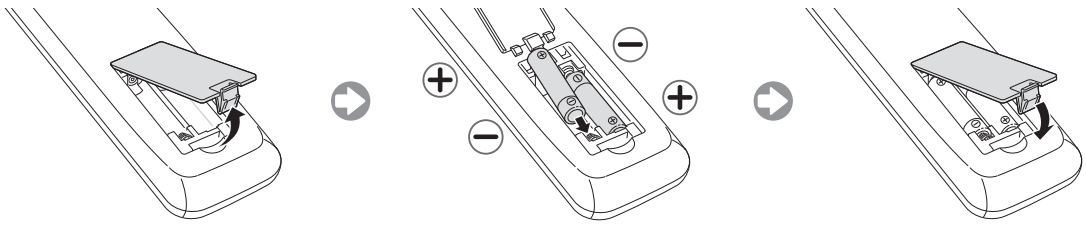
Displays information on the TV screen.

▲/▼/◀/▶ : Move the cursor on-screen menu item.
ENTER ↵: Selects the menu and changes the corresponding item value.

Exits the menu.

P.MODE: Press to select the **Picture Mode**.
SRS: Selects the **SRS Theatersound** mode.
DUAL I-II: Sound effect selection.
E-MANUAL: Displays the **e-Manual**.
P.SIZE: Selects the **Picture Size**.
AD/SUBT.: Turns the audio description on and off (not available in some locations). / Displays digital subtitles.

Installing batteries (Battery size: AAA)



Changing the Input Source

Source

Use to select TV or an external input sources such as a DVD / Blu-ray player / cable box / STB satellite receiver.

- **TV / Ext. / PC / HDMI1/DVI / HDMI2 / HDMI3 / HDMI4 / AV / Component / USB / AllShare**

✎ In the **Source**, connected inputs will be highlighted.

✎ **Ext.** and **PC** always stay activated.

Edit Name

In the **Source**, press the **TOOLS** button, and then you can set an external input sources name you want.

- **VCR / DVD / Cable STB / Satellite STB / PVR STB / AV Receiver / Game / Camcorder / PC / DVI PC / DVI Devices / TV / IPTV / Blu-ray / HD DVD / DMA**: Name the device connected to the input jacks to make your input source selection easier.

✎ When connecting a PC to the **HDMI IN 1(DVI)** port with HDMI cable, you should set the TV to **PC** mode under **Edit Name**.

✎ When connecting a PC to the **HDMI IN 1(DVI)** port with HDMI to DVI cable, you should set the TV to **DVI PC** mode under **Edit Name**.

✎ When connecting an AV devices to the **HDMI IN 1(DVI)** port with HDMI to DVI cable, you should set the TV to **DVI Devices** mode under **Edit Name**.

Edit Favourites

In the **Source**, press the **TOOLS** button to select **Edit Favourites**. You can set an external input source to Favourites.

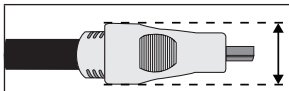
Information

You can see detailed information about the selected external device.

Refresh

In the **Source**, If the external devices is not displayed, press the **TOOLS** button to select **Refresh**. Searching for connected devices.

✎ For best cable connection to this product, be sure to use cables with a maximum thickness as below:

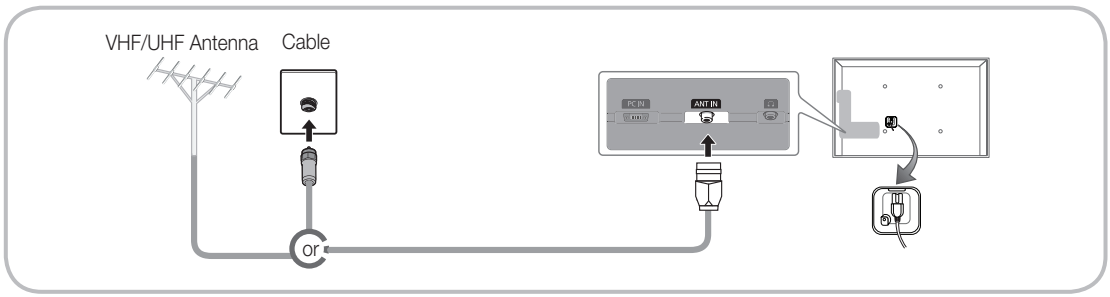


- Maximum thickness - 0.55 inches (14mm)

Connecting to an Antenna

When the TV is initially powered on, basic settings proceed automatically.

✎ Preset: Connecting the mains and antenna.



Plug & Play (Initial Setup)

When the TV is initially powered on, a sequence of on-screen prompts will assist in configuring basic settings. Press the **POWER** ⏻ button. **Plug & Play** is available only when the **Source** is set to TV.

✎ Before turning on the TV, make sure the antenna cable is connected (p. 6).

1	Selecting a language	Press the ▲ or ▼ button, then press the **ENTER** ↵ button. Select the desired OSD (On Screen Display) language.
2	Setting the Network	Set up your network connection. Press the **ENTER** ↵ button to start. If you want to setting to it later, select **Skip**. For more information, refer to “Wired/Wireless Network Connection” in the e-Manual.
3	Selecting **Store Demo** or **Home Use**	Press the ◄ or ► button, then press the **ENTER** ↵ button. Select the **Home Use** mode. **Store Demo** mode is for retail environments. To return the unit’s settings from **Store Demo** to **Home Use** (standard): Press the volume button on the TV. When you see the volume OSD, press and hold **MENU** for 5 sec. **Store Demo** is only for shop display. If you select it, several functions are not able to use. Please select **Home Use** when you watch at home.
4	Selecting a country	Press the ▲ or ▼ button, then press the **ENTER** ↵ button. Select the appropriate country. ✎ After selecting the country in the **Country** menu, some models may proceed with an additional option to setup the pin number. ✎ When you input the PIN number, “0-0-0-0” is not available.
5	Setting the **Clock Mode**	Set the **Clock Mode** automatically or manually. **Auto**: Select the time zone where you are located. **Manual**: Allows you to manually set the current date and time.
6	Selecting an antenna	Press the ▲ or ▼ button, then press the **ENTER** ↵ button. Select the Antenna source to memorise. The option may differ depending on country.
7	Selecting a channel	Press the ▲ or ▼ button, then press the **ENTER** ↵ button. Select the channel source to memorise. When setting the antenna source to **Cable**, a step appears allowing you to assign numerical values (channel frequencies) to the channels. For more information, refer to Channel → Memorising Channels in the e-Manual.
8	**Complete**	Press the **ENTER** ↵ button.

If You Want to Reset This Feature...

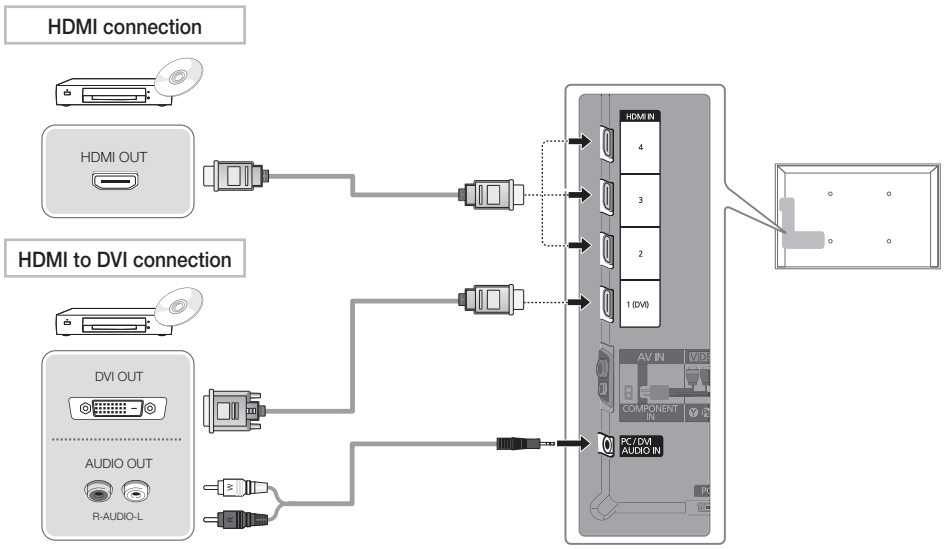
Select **System** - **Plug & Play** (Initial Setup). Enter your 4 digit PIN number. The default PIN number is “0-0-0-0”. If you want to change the PIN number, use the **Change PIN** function.

You should do **Plug & Play** (**MENU** → **System**) again at home although you did in shop.

✎ If you forget the PIN code, press the remote control buttons in the following sequence in Standby mode, which resets the PIN to “0-0-0-0”: **MUTE** → 8 → 2 → 4 → **POWER** (on).

Connecting to an AV devices

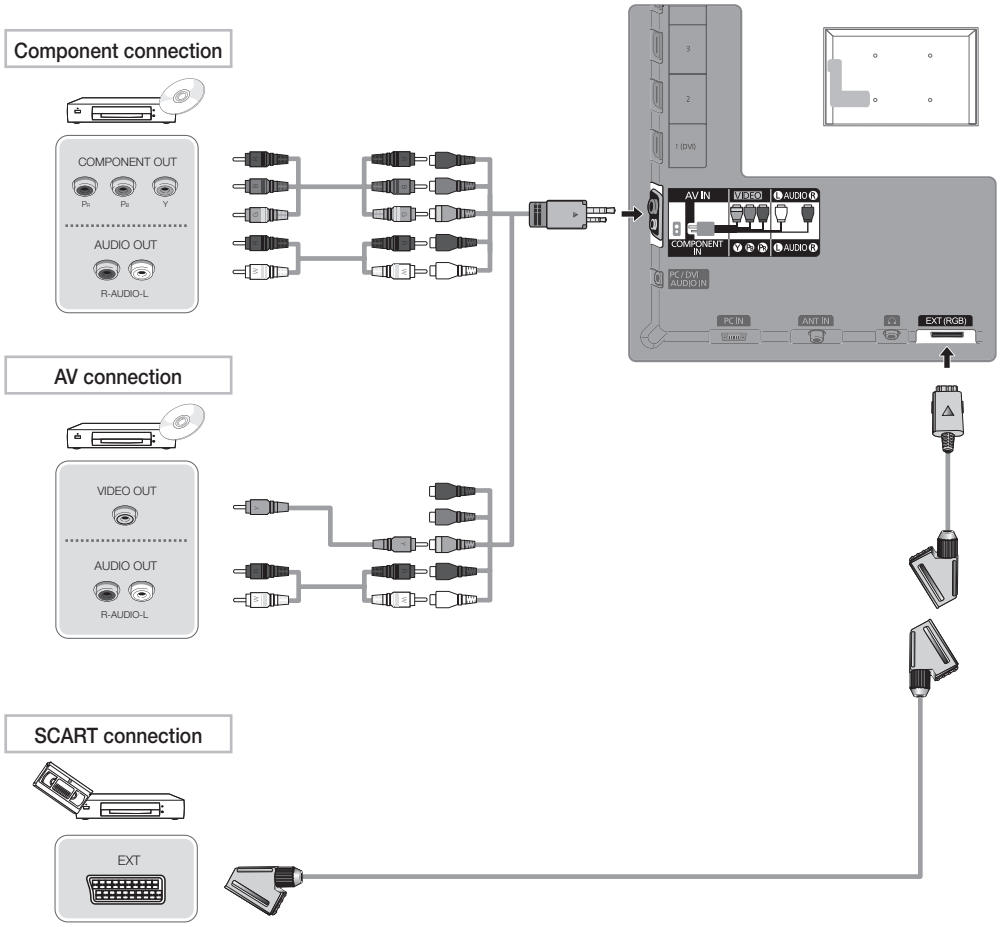
Available devices: DVD, Blu-ray player, HD cable box, HD STB (Set-Top-Box) satellite receiver, VCR



Using an HDMI or an HDMI to DVI cable (up to 1080p)

✎ **HDMI IN 1(DVI), 2, 3, 4 / PC/DVI AUDIO IN**

- When using an HDMI/DVI cable connection, you must use the **HDMI IN 1(DVI)** jack for video. A DVD, Blu-ray player, HD cable box, or HD STB satellite receiver may require a DVI-HDMI (DVI to HDMI) cable or DVI-HDMI (DVI to HDMI) adapter. The **PC/DVI AUDIO IN** jack is required for audio.
- Be sure to use an HDMI cable with a thickness of 14 mm or less.
- The picture may not display normally (if at all) or the audio may not work if an external device that uses an older version of HDMI mode is connected to the TV. If such a problem occurs, ask the manufacturer of the external device about the HDMI version and, if out of date, request an upgrade.
- Be sure to purchase a certified HDMI cable. Otherwise, the picture may not display or a connection error may occur.

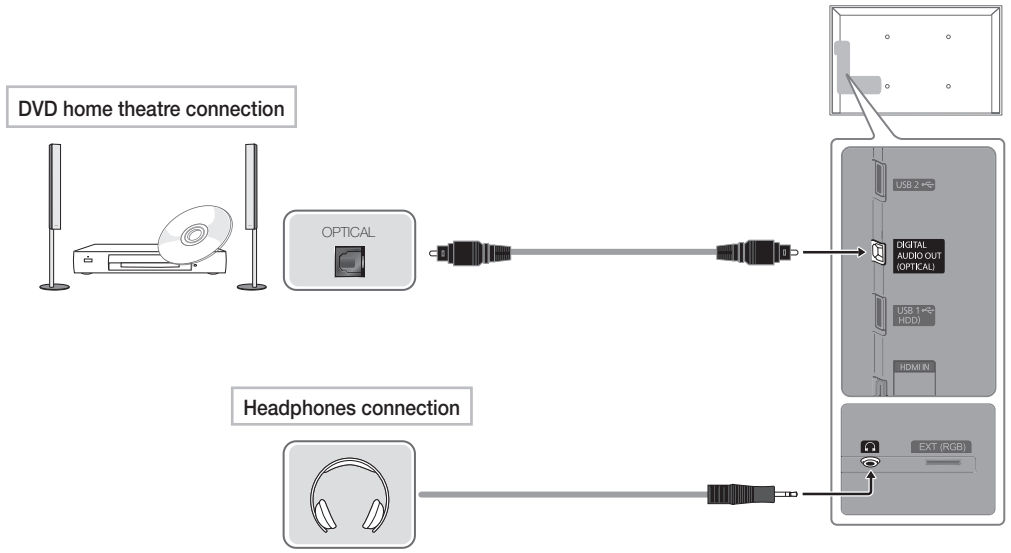


Using a Component (up to 1080p) or an Audio/Video (480i only) and a Scart Cable

- In **Ext.** mode, DTV Out supports MPEG SD Video and Audio only.
- When connecting to **AV IN**, the colour of the **AV IN [VIDEO]** jack (green) will not match the video cable (yellow).
- To obtain the best picture quality, the Component connection is recommended over the A/V connection.

Connecting to a Audio device and PC

Available devices: digital audio system, amplifier, DVD home theatre



Using an Optical (Digital) or a Headphone Connection

✎ DIGITAL AUDIO OUT (OPTICAL)

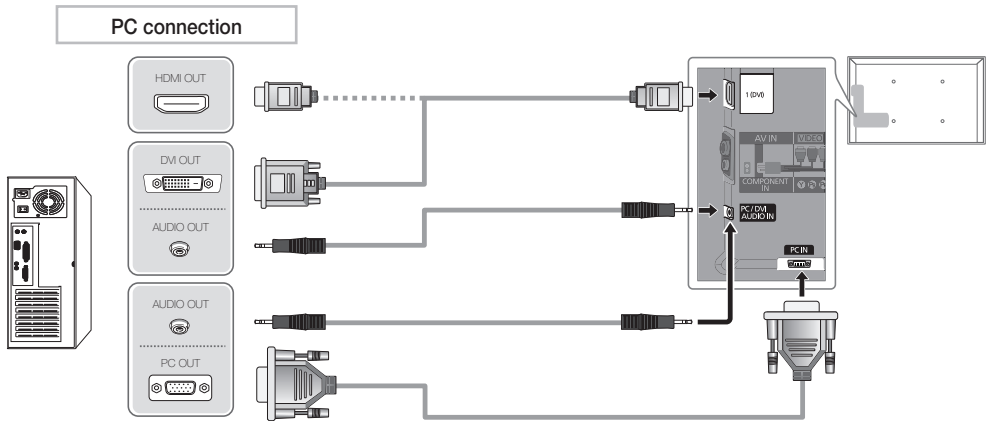
- When a digital audio system is connected to the **DIGITAL AUDIO OUT (OPTICAL)** jack, decrease the volume of both the TV and the system.
- 5.1 CH (channel) audio is available when the TV is connected to an external device supporting 5.1 CH.
- When the receiver (home theatre) is set to on, you can hear sound output from the TV's optical jack. When the TV is receiving a DTV signal, the TV will send 5.1 CH sound to the home theatre receiver. When the source is a digital component such as a DVD / Blu-ray player / cable box / STB (Set-Top-Box) satellite receiver and is connected to the TV via HDMI, only 2 CH audio will be heard from the home theatre receiver. If you want to hear 5.1 CH audio, connect the digital audio out jack from your DVD / Blu-ray player / cable box / STB satellite receiver directly to an amplifier or home theatre.

✎ **Headphones** 🎧: You can connect your headphones to the headphones output on your set. While the headphones are connected, the sound from the built-in speakers will be disabled.

- Sound function may be restricted when connecting headphones to the TV.
- Headphone volume and TV volume are adjusted separately.

Using an HDMI cable or an HDMI to DVI cable or a D-sub cable

✎ Connecting through the HDMI cable may not be supported depending on the PC.



Display Modes (D-Sub and an HDMI to DVI Input)

Optimal resolution is 1920 X 1080 @ 60 Hz.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)
IBM	640 x 350	31.469	70.086	25.175	+/-
	720 x 400	31.469	70.087	28.322	-/+
MAC	640 x 480	35.000	66.667	30.240	-/-
	832 x 624	49.726	74.551	57.284	-/-
	1152 x 870	68.681	75.062	100.000	-/-
VESA DMT	640 x 480	31.469	59.940	25.175	-/-
	640 x 480	37.861	72.809	31.500	-/-
	640 x 480	37.500	75.000	31.500	-/-
	800 x 600	37.879	60.317	40.000	+/+
	800 x 600	48.077	72.188	50.000	+/+
	800 x 600	46.875	75.000	49.500	+/+
	1024 x 768	48.363	60.004	65.000	-/-
	1024 x 768	56.476	70.069	75.000	-/-
	1024 x 768	60.023	75.029	78.750	+/+
	1152 x 864	67.500	75.000	108.000	+/+
	1280 x 1024	63.981	60.020	108.000	+/+
	1280 x 1024	79.976	75.025	135.000	+/+
	1280 x 800	49.702	59.810	83.500	-/+
	1280 x 800	62.795	74.934	106.500	-/+
	1280 x 960	60.000	60.000	108.000	+/+
	1360 x 768	47.712	60.015	85.500	+/+
	1440 x 900	55.935	59.887	106.500	-/+
	1440 x 900	70.635	74.984	136.750	-/+
	1680 x 1050	65.290	59.954	146.250	-/+
VESA DMT / DTV CEA	1920 x 1080p	67.500	60.000	148.500	+/+

✎ **NOTE**

- For HDMI/DVI cable connection, you must use the **HDMI IN 1(DVI)** jack.
- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- Separate and Composite modes are supported. SOG(Sync On Green) is not supported.

Connecting to a COMMON INTERFACE slot

Attaching the CI Card Adapter

Attach the adapter as shown below.

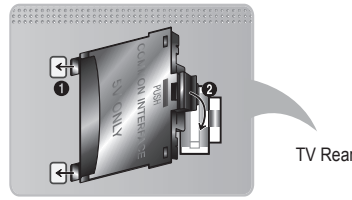
To connect the CI CARD Adapter, follow these steps.

✎ We recommend attaching the adapter before installing the wall mount, or inserting the “CI or CI+ CARD”.

1. Insert the CI CARD Adapter into the two holes on the product ❶.

   ✎ Please find a two holes on the rear of the TV. A two holes is beside the **COMMON INTERFACE** port.

2. Connect the CI CARD Adapter into the **COMMON INTERFACE** port on the product ❷.
3. Insert the “CI or CI+ CARD”.

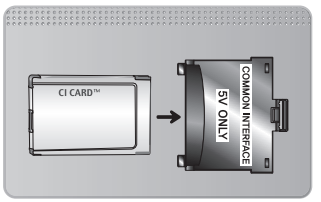


We recommand that you insert the CI card before you mount the TV on a wall.
It may be difficult to insert after the mounting.
Insert the card after attaching the CI-Module on TV.
It is difficult to attach the module if you insert the card before attaching.

Using the “CI or CI+ CARD”

To watch paid channels, the “CI or CI+ CARD” must be inserted.

- If you don’t insert the “CI or CI+ CARD”, some channels will display the message “Scrambled Signal”.
- The pairing information containing a telephone number, the “CI or CI+ CARD” ID the Host ID and other information will be displayed in about 2~3 minutes. If an error message is displayed, please contact your service provider.
- When the configuration of channel information has finished, the message “Updating Completed” is displayed, indicating the channel list is updated.



✎ **NOTE**

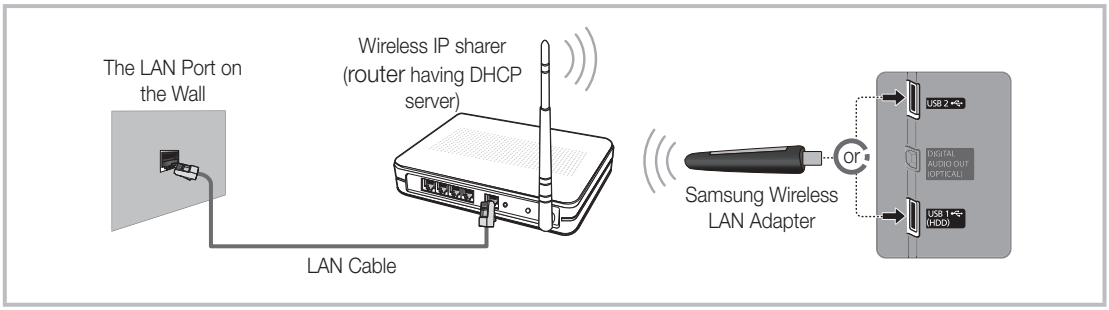
- You must obtain a “CI or CI+ CARD” from a local cable service provider.
- When removing the “CI or CI+ CARD”, carefully pull it out with your hands since dropping the “CI or CI+ CARD” may cause damage to it.
- Insert the “CI or CI+ CARD” in the direction marked on the card.
- The location of the **COMMON INTERFACE** slot may be different depending on the model.
- “CI or CI+ CARD” is not supported in some countries and regions; check with your authorized dealer.
- If you have any problems, please contact a service provider.
- Insert the “CI or CI+ CARD” that supports the current antenna settings. The screen will be distorted or will not be seen.

Network Connection

You can set up your TV so that it can access the Internet through your local area network (LAN) using a wired or wireless connection.

Network Connection - Wireless

You can connect your TV to your LAN through a standard wireless router or modem. To connect wirelessly, you must first attach a “Samsung Wireless LAN adapter” (WIS09ABGN, WIS09ABGN2, WIS10ABGN - sold separately) to either the **USB 1 (HDD)** or **USB 2** on the back of your TV. See the illustration below.



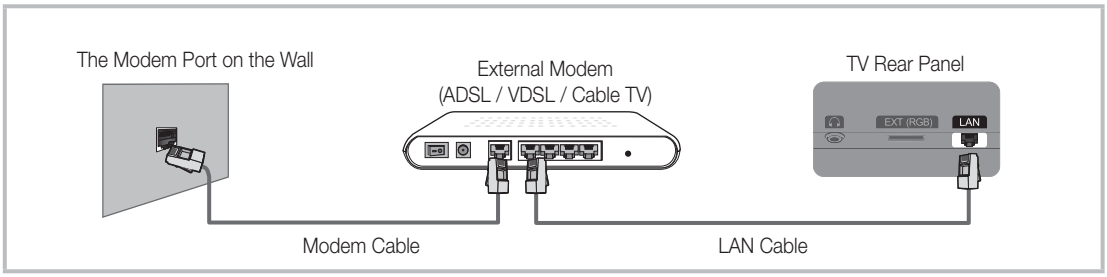
Samsung’s Wireless LAN adapter supports the IEEE 802.11a/b/g and n communication protocols. Samsung recommends using IEEE 802.11n. When you play the video over a IEEE 802.11b/g connection, the video may not play smoothly.

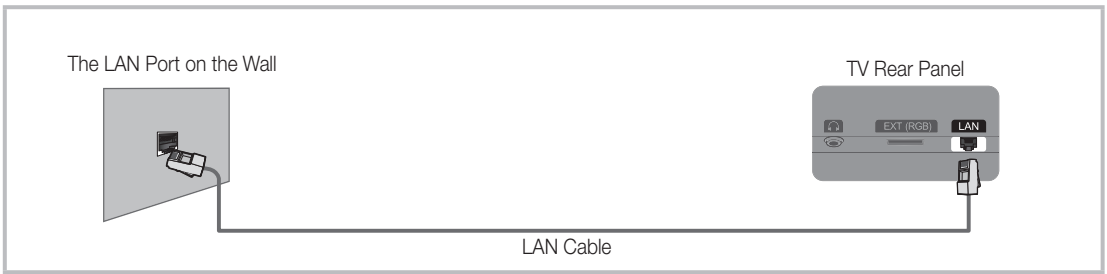
Most wireless network systems incorporate a security system that requires devices that access the network through an access point or wireless router (typically a wireless IP Sharer) to transmit an encrypted security code called an access key.

If Pure High-throughput (Greenfield) 802.11n mode is selected and the Encryption type is set to WEP, TKIP or TKIP AES (WPS2Mixed) for your wireless router, Samsung TVs will not support a connection in compliance with new Wi-Fi certification specifications.

Network Connection - Wired

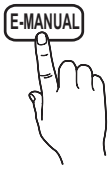
There are two main ways to connect your TV to your network using cable, depending on your network setup. They are illustrated below:





✎ It is not supported when the network speed is under 10 Mbps.

How to view the e-Manual



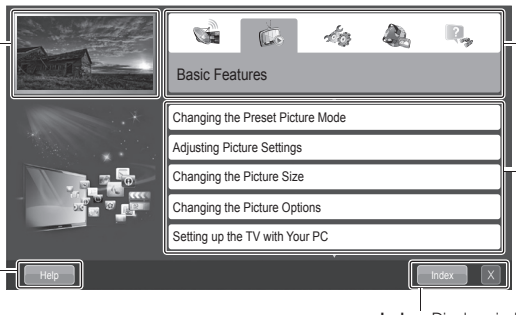
You can read the introduction and instructions about the TV features stored in your TV.

MENU → **Support** → **e-Manual** → ENTER

✎ If you want to return to e-Manual, press **E-MANUAL** button on remote.

✎ You can't use the **Try Now** function, if the menu is not activated.

Screen Display



TV Screen: Displays the current input source screen.

Change the category. Press ◀ or ▶ button to select category you want.

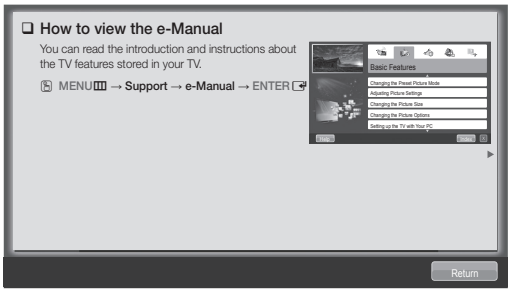
Displays the sub-menu list. Press ENTER button to select sub-menu you want.

Help: Displays the **e-Manual Guide** or **Product guide**. Press ENTER button.

Index: Displays index screen.
X: Exit the e-Manual.

Using the Help

Display the Product Guide by pressing **Help**.


How to view the e-Manual
You can read the introduction and instructions about the TV features stored in your TV.
MENU → Support → e-Manual → ENTER
Basic Features
Changing the Preset Picture Mode
Adjusting Picture Settings
Changing the Picture Size
Changing the Picture Options
Setting up the TV with Your PC
Return

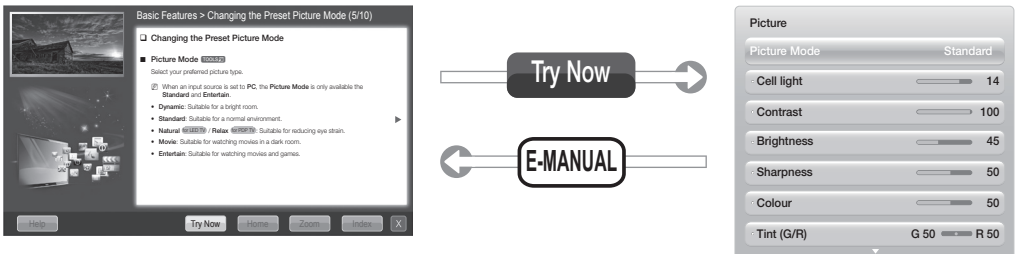
<E-manual Guide>

The e-Manual guide appears as above.

<Product Guide>

The product guide appears as above.

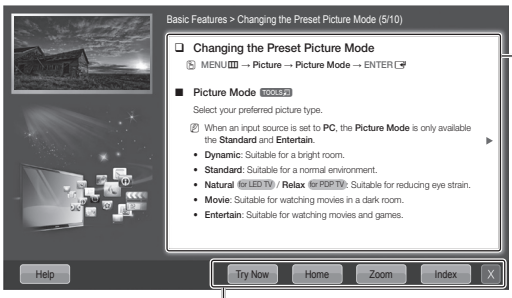
How to toggle between the e-Manual and the corresponding menu(s).


Basic Features > Changing the Preset Picture Mode (5/10)
Changing the Preset Picture Mode
Picture Mode
Select your preferred picture type.
When an input source is set to PC, the Picture Mode is only available the Standard and Entertain.
Dynamic: Suitable for a bright room.
Standard: Suitable for a normal environment.
Natural / Relax: Suitable for reducing eye strain.
Movie: Suitable for watching movies in a dark room.
Entertain: Suitable for watching movies and games.
Help
Try Now
Home
Zoom
Index
X
Try Now
E-MANUAL
Picture
Picture Mode Standard
Cell light 14
Contrast 100
Brightness 45
Sharpness 50
Colour 50
Tint (G/R) G 50 R 50

✎ This function is not enabled in some menus.

Method 1	Method 2
1. Select **Try Now**, if you want to execute the corresponding menu(s). 2. To return to the e-Manual screen, press the **E-MANUAL** button.	1. Press the **ENTER** button when selecting Contents Area. The "**Are you sure?**" is displayed. Select **Yes** and then press the **ENTER** button. The OSD window will be displayed. 2. To return to the e-Manual screen, press the **E-MANUAL** button.

Viewing the Contents


Basic Features > Changing the Preset Picture Mode (5/10)
Changing the Preset Picture Mode
MENU → Picture → Picture Mode → ENTER
Picture Mode TOOLS
Select your preferred picture type.
When an input source is set to PC, the Picture Mode is only available the Standard and Entertain.
Dynamic: Suitable for a bright room.
Standard: Suitable for a normal environment.
Natural for LED TV / Relax for PDP TV: Suitable for reducing eye strain.
Movie: Suitable for watching movies in a dark room.
Entertain: Suitable for watching movies and games.
Help
Try Now
Home
Zoom
Index
X

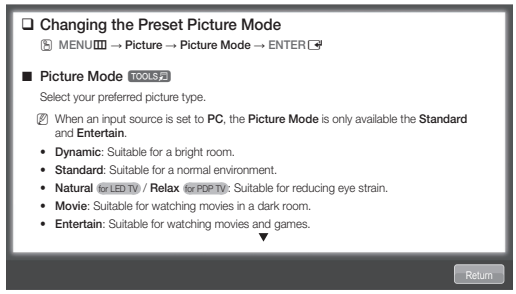
Contents Area: You can view the corresponding contents, if you selected a sub-menu. To move previous or next page, press the ◀ or ▶ button.

Try Now: Displays the corresponding menu(s).
Home: Moves to the e-Manual home screen.
Zoom: Magnifies a screen.
Index: Displays index screen.

Using the Zoom mode

When you view the e-Manual instruction, select the **Zoom** to magnify the screen. You can scroll through the magnified screen by using the ▲ or ▼ buttons.

✎ To return to the previous screen, press the **RETURN** button.


Changing the Preset Picture Mode
MENU → Picture → Picture Mode → ENTER
Picture Mode TOOLS
Select your preferred picture type.
When an input source is set to PC, the Picture Mode is only available the Standard and Entertain.
Dynamic: Suitable for a bright room.
Standard: Suitable for a normal environment.
Natural for LED TV / Relax for PDP TV: Suitable for reducing eye strain.
Movie: Suitable for watching movies in a dark room.
Entertain: Suitable for watching movies and games.
Return

How to search a keyword by using index page

✎ This function may not be supported depending on the language.

1. If you want to search a keyword, press the ▲ / ▼ / ◀ / ▶ button to select **Index**.
2. Press the ◀ or ▶ button to select a character order you want, and then press the **ENTER** button.
3. Press the ▲ or ▼ button to select a keyword you want to see, and then press the **ENTER** button.
4. You can view the corresponding e-Manual instruction screen.

   ✎ To close the **Index** screen, press the **RETURN** button.

Installing the Wall Mount

Installing the Wall Mount Kit

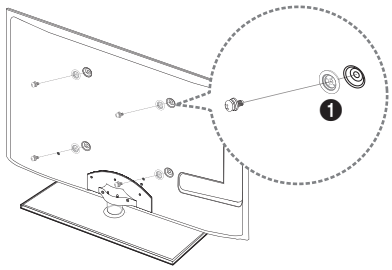
The wall mount kit (sold separately) allows you to mount the TV on the wall.

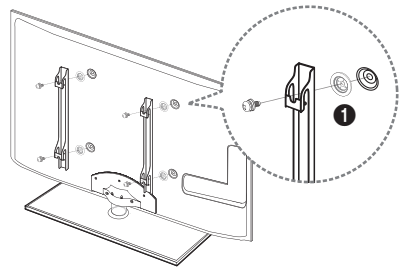
For detailed information on installing the wall mount, see the instructions provided with the wall mount. Contact a technician for assistance when installing the wall mount bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

Preparing before installing Wall-Mount

Case A. Installing the SAMSUNG Wall-Mount	Case B. Installing another company's Wall-Mount





To install a wall-mount, use the Holder-Ring ❶.

Wall Mount Kit Specifications (VESA)

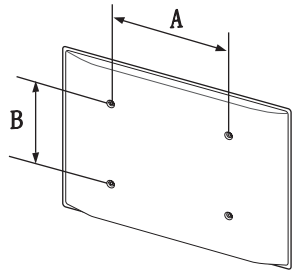
✎ The wall mount kit is not supplied, but sold separately.

Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest dealer. If installed on a ceiling or slanted wall, it may fall and result in severe personal injury.

✎ **NOTE**

- Standard dimensions for wall mount kits are shown in the table below.
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws that are longer than the standard dimension or do not comply with the VESA standard screw specifications. Screws that are too long may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on the wall mount specifications.
- Do not fasten the screws that are too strongly; this may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.
- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
- Do not mount the TV at more than a 15 degree tilt.

Product Family	inches	VESA Spec. (A * B)	Standard Screw	Quantity
LED-TV	19~22	75 X 75	M4	4
	23~27	200 X 100		
	32~40	200 X 200	M8	
	46~55	400 X 400		
	60~65	600 X 400		



Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury due to electric shock.

Troubleshooting

If you have any questions about the TV, first refer to this list. If none of these troubleshooting tips apply, please visit “www. samsung.com,” then click on Support, or contact the call centre listed on the back-cover of this manual.

Issues	Solutions and Explanations
The TV won’t turn on.	• Make sure the AC power cord is securely plugged in to the wall outlet and the TV. • Make sure the wall outlet is working. • Try pressing the **POWER** button on the TV to make sure the problem is not the remote. If the TV turns on, refer to “Remote control does not work” below.
There is no picture/video.	• Check cable connections (remove and reconnect all cables connected to the TV and external devices). • Set your external device’s (Cable/Sat Box, DVD, Blu-ray etc) video outputs to match the connections to the TV input. For example, if an external device’s output is HDMI, it should be connected to an HDMI input on the TV. • Make sure your connected devices are powered on. • Be sure to select the TV’s correct source by pressing the **SOURCE** button on the remote control. • Reboot the connected device by reconnecting the device’s power cable.
The remote control does not work.	• Replace the remote control batteries with the poles (+/–) in the right direction. • Clean the sensor’s transmission window on the remote. • Try pointing the remote directly at the TV from 5~6 feet away.
The cable/set top box remote control doesn’t turn the TV on or off, or adjust the volume.	• Programme the Cable/Set remote control to operate the TV. Refer to the Cable/Set user manual for the SAMSUNG TV code.

✎ This TFT LED panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be a few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

✎ You can keep your TV as optimum condition to upgrade the latest firmware on web site (samsung.com → Support → Downloads) by USB.

Licence

SRS TheaterSound HD

DOLBY DIGITAL PLUS PULSE

dts 2.0+Digital Out

DIVX HD

List of Features

Excellent Digital Interface & Networking: With a built-in HD digital tuner, nonsubscription HD broadcasts can be viewed without a cable box / STB (Set-Top-Box) satellite receiver.

SMART HUB

The Gateway to all content integrated in one place

- It’s all integrated to guide you to easier and diverse entertainment choices
- Control your entertainment life with easy and simple user friendly UI
- Access to diverse Apps that are adding up every day
- Customize your TV, by App grouping & sorting to your taste

AllShare™

AllShare™ connects your TV and compatible Samsung mobile phones/devices through a network.

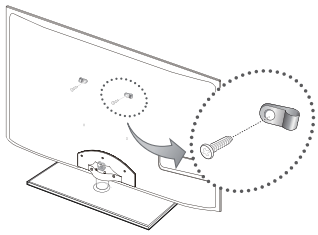
Anynet+(HDMI-CEC)

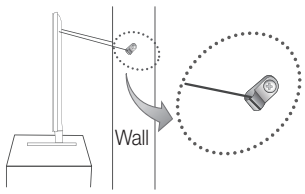
Allows you to control all connected Samsung devices that support anynet+ with your Samsung TV’s remote.

Securing the TV to the wall

Caution: Pulling, pushing, or climbing onto the TV may cause the TV to fall. In particular, ensure that your children do not hang over or destabilize the TV; doing so may cause the TV to tip over, resulting in serious injuries or death. Follow all safety precautions provided in the included Safety Flyer. For added stability and safety, install the anti-fall device as follows.

To Avoid the TV from Falling



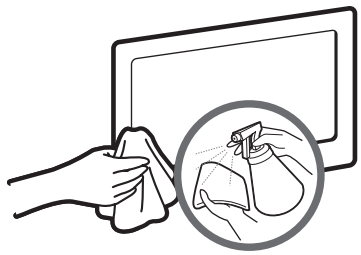


1. Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.
   - ✎ You may need additional material such as an anchor depending on the type of wall.
   - ✎ Since the necessary clamps, screws, and string are not supplied, please purchase these additionally.
2. Remove the screws from the back centre of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.
   - ✎ Screws may not be supplied with the product. In this case, please purchase the screws of the following specifications.
   - ✎ Screw Specifications
     - For a 19 ~ 27 inch: M4
     - For a 32 ~ 65 inch: M8
3. Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong cable and then tie the string tightly.
   - ✎ **NOTE**
     - Install the TV near to the wall so that it does not fall backwards.
     - It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV.
     - Untie the string before moving the TV.
4. Verify all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional installer.

Storage and Maintenance

✎ If you attached some stickers on the TV screen, it remains some debris after removing the sticker. Please clean it to watch TV.

Do not spray water or a cleaning agent directly onto the product. Any liquid that goes into the product may cause a failure, fire, or electric shock.



Clean the product with a soft cloth dapped in a small amount of water.

Specifications

Display Resolution	1920 x 1080	
Environmental Considerations Operating Temperature Operating Humidity Storage Temperature Storage Humidity	 10°C to 40°C (50°F to 104°F) 10% to 80%, non-condensing -20°C to 45°C (-4°F to 113°F) 5% to 95%, non-condensing	
TV System	Analogue: B/G, D/K, L, I (Depending on your country selection) Digital: DVB-T/DVB-C	
Colour/Video System	Analogue: PAL, SECAM, NTSC-4.43, NTSC-3.58, PAL60 Digital: MPEG-2 MP@ML, MPEG-4, H.264/AVC MP@L3, MP@L4.0, HP@L4.0	
Sound System	BG, DK, L, NICAM, MPEG1, DD, DD+, HEAAC.	
HDMI IN	Video: 1080 24p, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i Audio: 2Ch Linear PCM 32/44.1/48kHz, 16/20/24bits.	
Stand Swivel (Left / Right)	-20˚ ~ 20˚	
Model Name	UE32D5500 UE32D5520	UE37D5500 UE37D5520
Screen Size	32 inches	37 inches
Sound (Output)	10 W X 2	
Dimensions (WxDxH) Body With stand	 768.0 X 29.9 X 468.2 mm 768.0 X 240.0 X 532.1 mm	 890.6 X 29.9 X 537.4 mm 890.6 X 255.0 X 602.1 mm
Weight Without Stand With Stand	 7.5 kg 10.2 kg	 9.2 kg 12.5 kg
Model Name	UE40D5500 UE40D5520	UE46D5500 UE46D5520
Screen Size	40 inches	46 inches
Sound (Output)	10 W X 2	
Dimensions (WxDxH) Body With stand	 955.8 X 29.9 X 574.0 mm 955.8 X 255.0 X 638.5 mm	 1091.8 X 29.9 X 650.4 mm 1091.8 X 275.0 X 714.8 mm
Weight Without Stand With Stand	 11.1 kg 14.4 kg	 13.7 kg 17.3 kg

✎ Design and specifications are subject to change without prior notice.

✎ For information about power supply, and more about power consumption, refer to the label attached to the product.